Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-15. (Cancelled)

16. (Currently Amended) A method of identifying a compound that inhibits alpha synuclein (aS) ~~aS~~ mediated toxicity, the method comprising:

providing a yeast cell expressing an amount of aS that reduces viability of the cell;

contacting the cell with a candidate agent selected from the group consisting of a fungicide, lipoxygenase inhibitor, prostaglandin synthetase inhibitor, membrane detergent, electron transporter, mitochondrial Ca++ porter, toxic anion, and antibiotic; and

determining whether the candidate agent enhances viability of the cell, to thereby identify a compound that inhibits aS mediated toxicity.

17. (Withdrawn) A method of identifying a compound that inhibits htt mediated toxicity, the method comprising:

providing a yeast cell expressing an amount of htt that reduces viability of the cell;

contacting the cell with a candidate agent selected from the group consisting of a chelator, fungicide, lipoxygenase inhibitor, membrane detergent, and chaotropic agent; and

determining whether the candidate agent enhances viability of the cell, to thereby identify a compound that inhibits htt mediated toxicity.

18. (Withdrawn) A method of identifying a compound that inhibits htt mediated toxicity, the method comprising:

providing a yeast cell expressing an amount of htt that reduces viability of the cell;

contacting the cell with a clioquinol; and

determining whether the clioquinol enhances viability of the cell, to thereby identify a compound that inhibits htt mediated toxicity.

19-20. (Cancelled)

21. (Withdrawn) A method of identifying a compound that inhibits aS mediated toxicity, the method comprising:

identifying a candidate agent that modulates osmotic sensitivity or the activity of detergents, oxidants, or drugs affecting transport;

contacting a yeast cell expressing aS with the candidate agent; and

determining whether the candidate agent enhances viability of the cell, to thereby identify a compound that inhibits aS mediated toxicity.